

## EAST Search History

/DC/ - 7/9/2008

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	((paper paperboard cardboard) with (sprue sleeve tube)) and (carbon with (fiber fibre)) and (spiral\$2 with (winding wound) with overlap)).CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/09 14:53
L2	4	((paper paperboard cardboard) with (sprue sleeve tube)) and (carbon with (fiber fibre)) and (spiral\$2 with (winding wound))).CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/09 14:54
S1	1	JP-57190747-\$.did.	JPO	OR	ON	2007/11/25 10:08
S2	0	JP-531128-\$.did.	JPO	OR	ON	2006/05/19 15:33
S3	0	JP-5031128-\$.did.	JPO	OR	ON	2006/05/19 15:33
S4	1	JP-05031128-\$.did.	JPO	OR	ON	2006/05/19 15:47
S5	14	((("7008509") or ("7048975") or ("5932628") or ("5616631") or ("5491180") or ("6454906") or ("6468398") or ("6547931") or ("6605187") or ("6521085") or ("6899793") or ("6645348") or ("6841041") or ("6830658") or ("6994772"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/20 18:11
S6	5	((("5205340") or ("2269455") or ("3844337") or ("4356994"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/19 15:48
S7	2527	((138/122,129,154) or (242/600,602.3,610,610.6)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/20 18:12
S8	3816	(428/34.2,34.5,34.6,34.7,36.4,36.9).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/20 20:02
S9	5372	(162/118,141,145,152,158,164.1,164.3,181.1,181.6,183,184).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/20 18:14
S10	16	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/20 18:15

## EAST Search History

S11	2	S7 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/20 18:17
S12	69	(inorganic adj fiber) and wood and ((phenol or epoxy or furan) adj resin) and ((colloidal adj silica) or obsidian or (water adj glass))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/20 18:19
S13	62	S12 and (carbon or (rock adj wool))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/14 08:41
S14	55	(cardboard or paperboard) and (inorganic adj fiber) and (wood or cotton) and phenolic and silica	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/20 18:27
S15	10	S14 and spiral\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/20 18:23
S16	8	S15 and tube	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/20 18:23
S17	1	(core\$1board) and (inorganic adj fiber) and (wood or cotton) and phenolic and silica	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/20 19:18
S18	17	(spiral\$2 adj wound) and (inorganic adj fiber) and (wood or cotton) and phenolic and silica	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/20 18:27
S19	185	(tube or pipe or sprue) and (inorganic adj fiber) and (wood or cotton) and phenolic and silica	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/20 18:29
S20	33	S19 and spiral\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/20 18:29

## EAST Search History

S21	85	S14 or S18 or S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/20 18:41
S22	5	S14 and S18 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/20 18:30
S23	2	(core adj board) and (inorganic adj fiber) and (wood or cotton) and phenolic and silica	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/20 19:18
S24	90	sprue and cardboard	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/20 19:19
S25	0	S19 and sprue	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/20 19:19
S26	761	(428/34.2).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/20 20:03
S27	7	S26 and cardboard and tube and spiral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/20 20:10
S28	1233	method and casting and sand and sprue	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/20 20:10
S29	117	S28 and (casting adj sand)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/20 20:11
S30	1	("20060130987").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/02 10:57
S31	0	(inorganic near4 fiber) and (organic near4 fiber) and ((phenol or epoxy or furan) adj resin) and ((colloidal adj silica) or obsidian or (water adj glass))	JPO	OR	ON	2006/11/02 13:09

## EAST Search History

S32	135	(inorganic near4 fiber) and (organic near4 fiber) and ((phenol or epoxy or furan) adj resin) and ((colloidal adj silica) or obsidian or (water adj glass))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/02 13:10
S33	375	"L3" and (carbon near4 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/02 13:10
S34	70	S32 and (carbon near4 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/02 13:11
S35	117	S32 and (sheet or paper or casting or tub\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/02 13:11
S36	57	S32 and (board or cardboard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/02 13:11
S37	203	(tube or pipe or sprue) and (inorganic adj fiber) and (wood or cotton) and phenolic and silica	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/24 23:10
S38	108	S37 and (carbon adj fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/02 13:11
S39	2	((paper or cardboard or paperboard) with tube) and (inorganic adj fiber) and (organic adj fiber)	JPO	OR	ON	2006/11/03 10:37
S40	63	((paper or cardboard or paperboard) with tube) and (inorganic adj fiber) and (organic adj fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/03 10:38
S41	12794	carbon\$4 adj (paper or sheet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/03 10:37
S42	0	JP-531128-\$.did.	JPO	OR	ON	2006/11/03 10:37

## EAST Search History

S43	0	S42 and (carbon adj fiber) and ((organic or wood or cellulose) adj fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/03 10:38
S44	0	JP-5031128-\$.did.	JPO	OR	ON	2007/11/24 10:44
S45	0	S44 and binder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/03 10:38
S46	108	S41 and (carbon adj fiber) and ((organic or wood or cellulose) adj fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/03 10:38
S47	47	S46 and binder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/03 10:38
S48	546	(inorganic adj fiber) and ((organic or wood or cellulose) adj fiber) and (carbon adj fiber) and binder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/03 10:38
S49	127	S48 and tube	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/03 10:39
S50	3	((("6540874") or ("5989390") or ("4256801"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/03 10:39
S51	1	("20030029591").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/14 08:41
S52	2	("20040055612").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/14 12:15
S53	6	JP-51001286-\$.did. JP-01278935-\$.did. JP-06086843-\$.did. GB-2047766-\$.did.	EPO; JPO; DERWENT	OR	ON	2007/11/24 10:44
S54	194	((paper paperboard cardboard) with (sprue ((sleeve or tube) with (pouring or cylindrical)))) and casting and metal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/25 10:11

## EAST Search History

S55	35	S54 and spiral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/25 10:08
S56	53	S54 and (molten with metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/25 10:08
S57	1810	((paper paperboard cardboard) with (sprue (sleeve or tube) cylindrical)) and casting and metal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/25 19:47
S58	35	S55 and spiral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/25 10:12
S59	42	S57 and (spiral near5 wound)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/25 10:13
S60	4	((("3443627") or ("3520349")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/25 19:47
S61	45	((paper paperboard cardboard) with (sprue (sleeve or tube) cylindrical)) and (molten near5 metal)).CLM.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/25 19:52
S62	0	((paper paperboard cardboard) with (sprue (sleeve or tube) cylindrical)) and (molten near5 metal) and (carbon near5 fiber)).CLM.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/25 19:52
S63	5204	(metal near5 casting) and (sand near5 mould)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/06 17:03
S64	299	S63 and paper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/06 17:03
S65	299	S64 and (sprue gate mold pipe sleeve riser tube core)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/06 17:03

## EAST Search History

S66	837	(138/144).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 17:54
S67	2355	(164/418,437,349,364).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 17:54
S68	0	S66 and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/06 17:54
S69	57	((organic with (fiber fibre)) and (carbon with (fiber fibre)) and (casting (molten near3 metal))).CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/07 07:49
S70	15	((organic with (fiber fibre)) and (carbon with (fiber fibre)) and (molten near3 metal)).CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/07 07:49
S71	12	((organic with (fiber fibre)) and (carbon with (fiber fibre)) and (molten near3 metal) and (spiral\$2 near5 (winding wound))).CLM"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/07 07:49
S72	19	((organic with (fiber fibre)) and (carbon with (fiber fibre)) and (spiral\$2 near5 (winding wound))).CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/07 07:50
S73	0	((paper paperboard cardboard) with (sprue sleeve tube)) and (carbon with (fiber fibre)) and (molten near3 metal)).CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/07 07:50
S74	2	((paper paperboard cardboard) with (sprue sleeve tube)) and (carbon with (fiber fibre)) and (spiral\$2 near5 (winding wound))).CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/07 07:50